Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	image and ((checker\$2 and square) near3 sampl\$4) and (sharp\$4 near5 enhance\$4)	USPAT	OR	OFF	2003/07/15 15:14
S2	0	image and ((checker\$2 and square) near5 sampl\$4) and (sharp\$4 near5 enhance\$4)	USPAT	OR	OFF	2003/07/15 10:35
S3	0	image and ((checker\$2 and square) near5 sampl\$4)	USPAT	OR	OFF	2003/07/15 10:35
S4	0	((checker\$2 and square) near5 sampl\$4)	USPAT	OR	OFF	2003/07/15 10:36
S5	6348	((checker\$2 or square) near5 sampl\$4)	USPAT	OR	OFF	2003/07/15 10:36
S6	1660	(((checker\$2 or square) near5 sampl\$4)) and image	USPAT	OR	OFF	2003/07/15 10:36
S7	15	((((checker\$2 or square) near5 sampl\$4)) and image) and (sharp\$4 near3 enhance\$5)	USPAT	OR	OFF	2003/07/15 10:37
S8	12	image and (checker\$2 and square) and (sharp\$4 near5 enhance\$4)	USPAT	OR	OFF	2003/07/15 15:23
S9	10081	ITo.in.	USPAT	OR	OFF	2003/07/15 15:24
S10	499	ITo.in. and sampling	USPAT	OR	OFF	2003/07/15 15:24
S11	89	(ITo.in. and sampling) and sharp\$4	USPAT	OR	OFF	2005/09/12 15:12
S12	1102	(digital near1 camera\$1) and sampling	USPAT	OR	OFF	2003/07/15 15:28
S13	44	((digital near1 camera\$1) and sampling) and checker\$2	USPAT	OR	OFF	2003/07/15 15:36
S14	9	(((digital near1 camera\$1) and sampling) and checker\$2) and square	USPAT	OR	OFF	2003/07/15 15:28
S15	668	382/260,261,262,263.ccls.	USPAT	OR	OFF	2003/07/15 15:42
S16	267	382/260,261,262,263.ccls. and sharp\$4	USPAT	OR	OFF	2003/07/15 15:42
S17	37	382/260,261,262,263.ccls. and (sharp\$4 near2 enhance\$4)	USPAT	OR	OFF	2003/07/15 15:49
S18	113945	(frequency or Nyquist) and (checker\$2 or square)	USPAT	OR	OFF	2003/07/16 14:04
S19	0	(frequency or Nyquist) and ((checker\$2 and square) near3 sampling)	USPAT	OR	OFF	2003/07/16 14:05
S20	0	(frequency or Nyquist) and ((checker\$2 and square) near5 transform\$6)	USPAT	OR	OFF	2003/07/16 14:06
S21	0	((checker\$2 and square) near5 transform\$6)	USPAT	OR	OFF	2003/07/16 14:06
S22	712	(frequency or Nyquist) and (checker\$2 and square)	USPAT	OR	OFF	2003/07/16 15:43
S23	87	(frequency or Nyquist) and (checker\$2 and square) and CCD	USPAT	OR	OFF	2003/07/16 15:56
S24	2	(frequency or Nyquist) and (checker\$2 near3 sampling) and CCD	USPAT	OR	OFF	2003/07/16 15:57
S25	2	(checker\$2 near3 sampling) and CCD	USPAT	OR	OFF	2003/07/16 15:58

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S26	24	checker\$2 near3 sampling	USPAT	OR	OFF	2003/07/16 16:00
S27	362	square near3 sampling	USPAT	OR	OFF	2003/07/16 16:02
S28	32	(square near3 sampling) and (CCD or (digital near3 camera))	USPAT	OR	OFF	2003/07/16 16:06
S29	1	checkered near3 sampling	USPAT	OR	OFF	2003/07/17 15:04
S30	24	checker\$2 near3 sampling	USPAT	OR	OFF	2003/07/17 15:08
S31	2958	((digital near3 camera) or CCD) and CMOS	USPAT	OR	OFF	2003/07/17 15:09
S32	853	(((digital near3 camera) or CCD) and CMOS) and sampling	USPAT	OR	OFF	2003/07/17 15:18
\$33	2	((((digital near3 camera) or CCD) and CMOS) and sampling) and (sharpness near5 (enhance\$4 or restoration))	USPAT	OR	OFF	2003/07/17 15:11
S34	23	(((digital near3 camera) or CCD) and CMOS) and (sampling near3 (transformation or conversion or interpolation))	USPAT	OR	OFF	2003/07/17 15:13
\$35	2	((((digital near3 camera) or CCD) and CMOS) and sampling) and ((rhombus or rhombic or rhombii) and square)	USPAT	OR	OFF	2003/07/17 15:32
S36	152	((((digital near3 camera) or CCD) and CMOS) and sampling) and (rectangular and square)	USPAT	OR	OFF	2003/07/17 15:34
\$37	0	((((digital near3 camera) or CCD) and CMOS) and sampling) and ((rectangular and square) near3 frequency)	USPAT	OR	OFF	2003/07/17 15:35
S38	0	((((digital near3 camera) or CCD) and CMOS) and sampling) and ((rectangular and square) near3 frequency)	USPAT	OR	OFF	2003/07/17 15:35
S39	37	(frequency or sampling) near5 (rectangular and square)	USPAT	OR	OFF	2003/07/17 15:40
S40	0	(frequency or sampling) near5 ((rhombus or rhombic) and square)	USPAT	OR	OFF	2003/07/17 15:41
S41	205	((frequency or sampling) near5 (transformation or conversion or interpolation)) same camera	USPAT	OR	OFF	2003/07/17 15:50
S42	107	((frequency or sampling) near5 (transformation or conversion or interpolation)) same CMOS	USPAT	OR	OFF	2003/07/17 16:02
S43	15	((checkered or rhombic or rhombus or rhombi) and square) same sampling	USPAT	OR	OFF	2003/07/17 16:09
S44	1176	sampling and spline	USPAT	OR	OFF	2003/07/17 16:09
S45	135	(sampling and spline) and (CCD or CMOS)	USPAT	OR	OFF	2003/07/17 16:09
S46	10661	sampl\$4 and diagonal	USPAT	OR	OFF	2003/07/22 15:32
S47	5139	(sampl\$4 and diagonal) and horizontal	USPAT	OR	OFF	2003/07/22 15:27
S48	4380	((sampl\$4 and diagonal) and horizontal) and vertical	USPAT	OR	OFF	2003/07/22 15:28

S49	3629	(((sampl\$4 and diagonal) and horizontal) and vertical) and (conversion or conver\$5 or transform\$6)	USPAT	OR	OFF	2003/07/22 15:29
S50	925	((((sampl\$4 and diagonal) and horizontal) and vertical) and (conversion or conver\$5 or transform\$6)) and interpolation	USPAT	OR	OFF	2003/07/22 15:31
S51	6	sampl\$4 near3 (diagonal and horizontal)	USPAT	OR	OFF	2003/07/22 15:35
S52	1	sampl\$4 near3 (diagonal and square)	USPAT	OR	OFF	2003/07/22 15:36
S53	207	sampl\$4 near3 diagonal	USPAT	OR	OFF	2003/07/22 15:38
S54	3	(sampl\$4 near3 diagonal) near5 detect\$4	USPAT	OR	OFF	2003/07/22 15:40
S55	476	checkered and square	USPAT	OR	OFF	2003/07/22 15:40
S56	0	(checkered and square) near3 sampl\$4	USPAT	OR	OFF	2003/07/22 15:40
S57	4065	(checkered or square) near3 sampl\$4	USPAT	OR	OFF	2003/07/22 15:41
S58	82	((checkered or square) near3 sampl\$4) near5 detect\$4	USPAT	OR	OFF	2003/07/22 15:41
S59	5	((checker\$2 or diagonal or diamond or rhmbic or rhombus or rhombii) and (square or (horizontal and vertical) or rectangle)) near3 sampl\$3	USPAT	OR	OFF	2003/07/23 15:25
S60	1893	((checker\$2 or diagonal or diamond or rhombic or rhombus or rhombii) or (square or (horizontal and vertical) or rectangle)) near3 sampl\$3	USPAT	OR	OFF	2003/07/23 15:27
S61	5	((checker\$2 or diagonal or diamond or rhmbic or rhombus or rhombii) and (square or (horizontal and vertical) or rectangle)) near3 sampl\$3	USPAT	OR	OFF	2003/07/23 15:27
S62	6	(((checker\$2 or diagonal or diamond or rhombic or rhombus or rhombii) or (square or (horizontal and vertical) or rectangle)) near3 sampl\$3) and (sharpness near2 (enhance\$4 or restor\$6))	USPAT	OR	OFF	2003/07/23 15:28
S63	194	(digital near3 camera) and sampling and (sharpness or gradation)	USPAT	OR	OFF	2003/07/23 16:19
S64	37	(digital near3 camera) and (sampling near3 (detect\$3 or determin\$5)) and (sharpness or gradation)	USPAT	OR	OFF	2003/07/23 16:28
S65	23302	(sampling near3 ((detect\$3 or determin\$5)or (conver\$5 or transform\$6)))	USPAT	OR	OFF	2003/07/23 16:32
S66	16840	((sampling near3 ((detect\$3 or determin\$5)or (conver\$5 or transform\$6)))) and digital	USPAT	OR	OFF	2003/07/23 16:31
S67	9585	(sampling near3 (con v er\$5 or transform\$6))	USPAT	OR	OFF	2003/07/23 16:44
S68	8739	((sampling near3 (conver\$5 or transform\$6))) and digital	USPAT	OR	OFF	2003/07/23 16:32

112	(((sampling near3 (conver\$5 or transform\$6))) and digital) and (checker\$2 or rhombic)	USPAT	OR	OFF	2003/07/23 16:34
134	(sampling near3 (conver\$5 or transform\$6)) and (digital near2 camera)	USPAT	OR	OFF	2003/07/23 16:45
1	checkered near3 sampling	USPAT	OR	OFF	2003/07/24 08:20
12694	sampling and (CCD or camera) and (linear near\$4 filter\$3)	USPAT	OR	OFF	2003/07/24 10:58
1078	(sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)	USPAT	OR	OFF	2003/07/24 10:24
736	((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and (square or (horizontal and vertical))	USPAT	OR	OFF	2003/07/24 10:49
337	(((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and (square or (horizontal and vertical))) and interpolat\$3	USPAT	OR	OFF	2003/07/24 10:26
338	(((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and (square or (horizontal and vertical))) and interpolat\$6	USPAT	OR	OFF	2003/07/24 10:26
36	((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and ((square or (horizontal and vertical)) near3 sampl\$3)	USPAT	OR	OFF	2003/07/24 10:50
90	((sampling same (CCD or camera)) same square) and (linear near\$4 filter\$3)	USPAT	OR	OFF	2003/07/24 12:41
7	(checkered and square) same ((digital near1 camera) or CCD)	USPAT	OR	OFF	2003/07/24 12:43
476	checkered and square	USPAT	OR	OFF	2003/07/24 12:44
0	(checkered and square) near3 (conversion or transform or transformation or convert or interpolat\$6)	USPAT	OR	OFF	2003/07/24 12:46
2	(checkered and square) and (digital near4 camera)	JPO	OR	OFF	2003/07/24 12:47
32	checkered and square	JPO	OR	OFF	2003/07/24 13:33
2	checkered near2 sampling	JPO	OR	OFF	2003/07/24 13:34
1	checkered near2 sampling	USPAT	OR	OFF	2003/07/24 13:34
2	checkered near5 sampling	USPAT	OR	OFF	2003/07/24 13:34
48	pixel near3 array near3 offset	USPAT	OR	OFF	2003/07/24 14:57
60	348/272,274,275,277,278,279,280.ccls. and offset	USPAT	OR	OFF	2003/07/24 14:58
41	(348/272,274,275,277,278,279,280.ccls. and offset) and array	USPAT	OR	OFF	2003/07/24 15:09
	134 1 12694 1078 736 337 338 36 90 7 476 0 2 32 2 1 2 48 60	transform\$6))) and digital) and (checker\$2 or rhombic) 134 (sampling near3 (conver\$5 or transform\$6)) and (digital near2 camera) 1 checkered near3 sampling 12694 sampling and (CCD or camera) and (linear near\$4 filter\$3) 1078 (sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3) 736 ((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and (square or (horizontal and vertical)) 337 (((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and (square or (horizontal and vertical))) and interpolat\$3 338 (((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and (square or (horizontal and vertical))) and interpolat\$6 ((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and (square or (horizontal and vertical)) near3 sampl\$3) 90 ((sampling same (CCD or camera)) same square) and (linear near\$4 filter\$3) 7 (checkered and square) same ((digital near1 camera) or COD) 476 checkered and square 0 (checkered and square 10 (checkered and square) near3 (conversion or transform or transformation or convert or interpolat\$6) 2 (checkered and square) and (digital near4 camera) 32 checkered near2 sampling 1 checkered near2 sampling 2 checkered near3 sampling 348/272,274,275,277,278,279,280.ccls. and offset 41 (348/272,274,275,277,278,279,280.ccls.	transform\$6))) and digital) and (checker\$2 or rhombic) 134 (sampling near3 (conver\$5 or transform\$6)) and (digital near2 camera) 1 checkered near3 sampling 12694 sampling and (CCD or camera) and (linear near\$4 filter\$3) 1078 (sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3) 736 ((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and (Square or (horizontal and vertical)) 337 (((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and (square or (horizontal and vertical))) and interpolat\$3 338 (((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and (square or (horizontal and vertical))) and interpolat\$6 36 ((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and ((square or (horizontal and vertical))) and interpolat\$6 36 ((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) 90 ((sampling same (CCD or camera)) same square) and (linear near\$4 filter\$3) 7 (checkered and square) same ((digital near4 camera) or CCD) 476 checkered and square or near3 (conversion or transform or transform or transformation or convert or interpolat\$6) 2 (checkered and square) near3 (conversion or transform or transformation or convert or interpolat\$6) 2 (checkered and square) near3 (conversion or transform or transformation or convert or interpolat\$6) 2 (checkered and square) near3 (conversion or transform or transform or transformation or convert or interpolat\$6) 2 (checkered and square) near3 (conversion or transform or transformation or convert or interpolat\$6) 2 (checkered near2 sampling 4 checkered near2 sampling 5 checkered near3 array near3 offset 6 checkered near5 sampling 9 checkered near5 sampling 1 checkered near5 sampling 1 checkered near5 sampling 2 checkered near5 sampl	transform\$6))) and digital) and (checker\$2 or rhombic) 134 (sampling near3 (conver\$5 or transform\$6)) and (digital near2 camera) 1 checkered near3 sampling 12694 sampling and (CCD or camera) and (linear near\$4 filter\$3) 1078 (sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3) 736 ((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3) 737 ((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and (square or (horizontal and vertical))) 337 (((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and (square or (horizontal and vertical)))) and interpolat\$3 338 (((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and (square or (horizontal and vertical)))) and interpolat\$6 36 ((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and ((square or (horizontal and vertical))) and interpolat\$6 36 ((sampling near3 (conversion or convert\$3 or transform\$3)) and (CCD or camera) and (linear near\$4 filter\$3)) and (square or (horizontal and vertical)) near3 sampl\$3) 90 ((sampling same (CCD or camera)) same square) and (linear near\$4 filter\$3) 7 (checkered and square) same ((digital near4 camera) or CCD) 476 checkered and square) near3 (conversion or transform or transformation or convert or interpolat\$6) 2 (checkered and square) and (digital near4 camera) 32 checkered near2 sampling 42 checkered near2 sampling 53 checkered near2 sampling 54 checkered near2 sampling 55 checkered near3 sampling 56 checkered near4 sampling 57 checkered near5 sampling 78 checkered near5 sampling 79 checkered near5 sampling 79 checkered near5 sampling 79 checkered near5 sampling 70 checkered near5 sampling 71 checkered near5 sampling 72 checkered near5 sampling 73 checkered near5 sampling 74 checke	transform\$6))) and digital) and (checker\$2 or rhombic) 134 (sampling near3 (conver\$5 or transform\$6)) and (digital near2 camera) 1 checkered near3 sampling 12694 sampling and (CDD or camera) and (linear near\$4 filter\$3) 1078 (sampling near3 (conversion or convert\$3 or transform\$3)) and (CDD or camera) and (linear near\$4 filter\$3) 736 ((sampling near3 (conversion or convert\$3 or transform\$3)) and (CDD or camera) and (linear near\$4 filter\$3)) and (SQUare or (horizontal and vertical)) 337 (((sampling near3 (conversion or convert\$3 or transform\$3)) and (CDD or camera) and (linear near\$4 filter\$3)) and (SQUare or (horizontal and vertical)) and interpolat\$3 338 (((sampling near3 (conversion or convert\$3 or transform\$3)) and (CDD or camera) and (linear near\$4 filter\$3)) and (SQUare or (horizontal and vertical))) and interpolat\$6 36 ((sampling near3 (conversion or convert\$3 or transform\$3)) and (CDD or camera) and (linear near\$4 filter\$3)) and (SQUare or (horizontal and vertical))) nad interpolat\$6 36 ((sampling near3 (conversion or convert\$3 or transform\$3)) and (CDD or camera) and (linear near\$4 filter\$3)) and (SQUare or (horizontal and vertical)) near3 sampli\$3) 90 ((sampling near3 (conversion or convert\$3 or transform\$3)) and (CDD or camera) and (linear near\$4 filter\$3)) and (SQUare or (horizontal and vertical)) near3 sampli\$3) 90 ((sampling near3 (conversion or convert\$3 or transform\$3)) and (CDD or camera) and (linear near\$4 filter\$3)) and (SQUare or (horizontal and vertical)) near3 sampli\$3) 90 ((sampling near3 (conversion or convert\$3 or transform\$3)) and (CDD or camera) and (linear near\$4 filter\$3)) and (SQUare or (horizontal and vertical)) near3 sampli\$3) 90 ((sampling near3 (conversion or conver\$3 or transform\$3)) and (SQUare or (horizontal and vertical)) near3 sampli\$3) 90 ((sampling near3 (conversion or conver\$3 or transform\$3)) and (SQUare or (horizontal and vertical)) near3 sampli\$3) 90 ((sampling near3 (sampling uspat or (horizontal and square) and (linear near\$4 filter\$3) 90 (checkered

S90	2100	offset near3 array	USPAT	OR	OFF	2003/07/24 15:09
S91	554	(offset near3 array) and filter\$1	USPAT	OR	OFF	2003/07/24 15:09
S92	114	((offset near3 array) and filter\$1) and interpolation	USPAT	OR	OFF	2003/07/24 15:10
S93	280	348/272,274,275,277,278,279,280.ccls.	USPAT	OR	OFF	2003/07/24 15:38
S94	1451	frequency and sampling and sharpness	USPAT	OR	OFF	2003/07/26 15:27
S95	1126	(frequency and sampling and sharpness) and image	USPAT	OR	OFF	2003/07/26 15:29
S96	73	((frequency and sampling and sharpness) and image) and (digital near2 camera)	USPAT	OR	OFF	2003/07/26 15:30
S97	5	(image near5 (frequency near2 sampling)) same sharpness	USPAT	OR	OFF	2003/07/26 15:59
S98	5	(image near5 DCT) same sharpness	USPAT	OR	OFF	2003/07/26 16:06
S99	6	(image same DCT) same sharpness	USPAT	OR	OFF	2003/07/26 16:06
S10 0	103	(image same sampling) same sharpness	USPAT	OR	OFF	2003/07/26 16:07
S10	3	"6181376".pn.",6563538".pn.",6097847". pn.	USPAT	OR	OFF	2003/07/26 17:59
S10 2	3	"6181376".pn.",6563538".pn.",6097847". pn.	USPAT	OR	OFF	2004/05/01 16:13
S10 3	202240	image\$1 and sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/02 14:29
S10 4	66	(image\$1 and sampl\$4) and (samp\$4 near3 (square and check\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/02 14:32
S10 5	158	((sampl\$4 near3 (square and check\$6))) and imag\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/02 14:32
S10 6	0	(((sampl\$4 near3 (square and check\$6))) and imag\$3) and ((square and check\$4) near3 (convert\$5 or chang\$6 or transform\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/02 14:34
S10 7	98	((square and check\$4) near3 (convert\$5 or chang\$6 or transform\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/02 14:35

S10 8	8	((square same check\$4) near3 (convert\$5 or chang\$6 or transform\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/02 14:35
S10 9	239	(sampl\$4 near3 (square and check\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/02 14:36
S11 0	132	((sampl\$4 near3 (square and check\$6))) and ((adjust\$6 or modify\$6 or alter\$6 or chang\$6 or transform\$6) near3 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/02 14:38
S11	132	((sampl\$4 near3 (square and check\$6))) and ((adjust\$6 or append\$4 or modify\$6 or alter\$6 or chang\$6 or transform\$6) near3 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/02 14:38
S11 2	5	"6181376".pn.",6563538".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 15:20
S11 3	2149	sampl\$4 same sharpness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/12 15:13
S11 4	86	(sampl\$4 near7 (append\$4 chang\$4 alter\$7 modif\$7)) same sharpness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/12 15:14
S11 5	785	382/260.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 13:35
S11 6	0	S115 and sampl44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 13:35
S11 7	416	S115 and sampl\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 13:35

S11 8	81	S115 and sampl\$7 and sharpness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 13:36
S11 9	5	S115 and sampl\$7 and (sharpness same (vertical\$4 and horizontal\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 13:39
S12 0	2	((imag\$4 signal\$3) near5 sampl\$7) same (sharpness near5 (vertical\$4 and horizontal\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 13:41
S12 1	31	((imag\$4 signal\$3) near5 sampl\$7) same (sharpness near7 (select\$4 type choos\$4 chos\$4 pick\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 14:38
S12 2	13158	382/100,260,254;348/606-624,392.1,399. 1,405.1,408.1,424.1,427.1;358/1.9-3.31, 447,461,463,532;359/213,286,307, 339;708/300.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/02 09:16
S12 3	523	S122 and (sampl\$4 and sharpness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 14:38
S12 4	73	S122 and sampl\$4 and (sharpness near7 (select\$4 typ\$4 choos\$4 chos\$4 pick\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 14:40
S12 5	3	S122 and (sampl\$4 same (sharpness near7 (select\$4 typ\$4 choos\$4 chos\$4 pick\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 14:43
S12 6	51	S122 and ((sampl\$4 near5 (imag\$4 signal\$4)) same sharpness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 14:54
S12 7	117	S122 and ((check\$5 and squar\$4) same samp\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 15:31

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S12 8	20	S122 and ((check\$5 and squar\$4) near6 samp\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 14:57
S12 9	102	S122 and ((check\$5 and squar\$4) near6 (samp\$4 pattern\$4)) and (transform44 convert\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 14:58
S13 0	82	S129 not S128	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 14:59
S13 1	13158	382/100,260,254;348/606-624,392.1,399. 1,405.1,408.1,424.1,427.1;358/1.9-3.31, 447,461,463,532;359/213,286,307, 339;708/300.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 15:44
S13 2	98	S131 and ((check\$5 and squar\$4) same samp\$4) and interpolat\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 15:31
S13 3	404	S131 and nyqu\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 15:45
S13 4	173	S133 and interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 15:46
S13 5	170	S133 and interpolat\$4 and filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 15:49
S13 6	108	S135 and (check\$4 squar\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 15:49
S13 7	51	(sampl\$7 and sharpness).clm.	US-PGPUB	OR	OFF	2005/09/16 15:57
S13 8	2	(squar\$4 and check\$4 and sampl\$5 and interpolat\$7).clm.	US-PGPUB	OR	OFF	2005/09/16 15:59

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S13 9	16	"6181376".pn.",6563538".pn.",6097847". pn.",6295322".pn.",6188804".pn.", 6295087".pn.",5323233".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/02 08:50
S14 0	22191	382/100,254,260,261,262,263,264,265, 266,272,274,275,277,278,279, 280;348/606-624,392.1,399.1,405.1,408.1, 424.1,427.1;358/1.9-3.31,447,461,463, 532;359/213,286,307,339;708/300.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/02 09:17
S14 1	0	S140 and sampl\$4 and sharp44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/02 09:18
S14 2	2369	S140 and sampl\$4 and sharp\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/02 10:13
S14 3	162	S142 and ((squar\$4 and (check\$2 diamond\$4 rectangular)) same sampl\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/02 10:15
S14 4	12	S142 and ((squar\$4 and (check\$2 diamond\$4 rectangular)) same sampl\$4) and ((increas\$4 enhanc\$5 improv\$6) near6 sharp\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/02 09:20
S14 5	5982	((imag\$4 frame\$3 signal\$4) near4 sampl\$4) and ((improv\$6 enhanc\$6 chang\$4 increas\$5) near5 sharp\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/02 10:14
S14 6	146	S142 and (((squar\$4 latt\$4) and (check\$2 diamond\$4 rectangular)) same sampl\$4) and interpolat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/02 10:16
S14 7	170	S142 and (((squar\$4 latt\$4) and (check\$2 diamond\$4 rectangular)) same sampl\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/02 10:18

S14 8	2299	(((squar\$4 latt\$4) and (check\$2 diamond\$4 rectangular)) same sampl\$4) and interpolat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/02 10:18
S14 9	197	(((squar\$4 latt\$4) and (check\$2 diamond\$4 rectangular)) same sampl\$4) same interpolat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/02 10:19
S15 0	140	S149 and imag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/02 10:19
S15 1	5	"6181376".pn.",6563538".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 14:53
S15 2	20392	382/100,260,254;348/606-624,392.1,399. 1,405.1,408.1,424.1,427.1;358/1.9-3.31, 447,461,463,532;359/213,286,307, 339;708/300.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 09:52
S15 3	7617	S152 and sampl\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 09:52
S15 4	7580	S153 and ((different two another multiple couple plural\$4 series group\$4 several second) nera4 sharp\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 09:54
S15 5	191	S153 and ((different two another multiple couple plural\$4 series group\$4 several second) near4 sharp\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 09:54